Application No. 10/762,003
Art Unit 3754

In the Claims

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

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23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)

38. Cancelled)

39 (Cancelled)

40. (Cancelled)

41. (Cancelled)

42. (Cancelled)

43. (Cancelled)

44. (Cancelled)

45. (Cancelled)

46. (Cancelled)

47. (Cancelled)

48. (Cancelled)

49. (New) An improved dispenser for dispensing an aerosol product with an aerosol propellant located within an aerosol container, comprising:

a mounting cup having a turret defined in a central region of said mounting cup about an axis of symmetry of said mounting cup;

an aerosol valve secured in said turret of said mounting cup;

a mounting surface integrally formed with said mounting cup and located intermediate said peripheral rim and said turret and extending generally parallel to an axis of symmetry of said mounting cup;

a collapsible container for containing the aerosol product;

a bond for sealing the collapsible container to said mounting surface of said mounting cup; and

a peripheral rim integrally formed with said mounting cup in proximity to an outer periphery of said mounting cup for sealing said mounting cup to the aerosol container for enabling the aerosol propellant located within the aerosol container to apply pressure to said collapsible container to collapse said collapsible container upon an open of said aerosol valve to dispense the aerosol propellant from said collapsible container through said aerosol valve.

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50. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 49, wherein said mounting surface comprises a cylindrical surface having a cylindrical axis coincident with an axis of symmetry of said mounting cup.

51. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 49, including a polymeric bond material for sealing the collapsible container to said mounting cup.

52. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 49, including a first polymeric bond material located on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material bonding with said second polymeric bond material for sealing the collapsible container to said mounting cup.

53. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 49, including a first polymeric bond material located on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material being sonically bonded to said second polymeric bond material for sealing the collapsible container to said mounting cup.

54. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 49, including a first polymeric bond material located on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material being heat sealed to said second polymeric bond material for sealing the collapsible container to said mounting cup.

55. (New) An improved mounting cup for dispensing an aerosol product as set forth in claim 49, including a first polymeric bond material laminated on said mounting surface of said mounting cup;

a second polymeric bond material located on the collapsible container; and

said first polymeric bond material bonding to said second polymeric bond material for sealing the collapsible container to said mounting cup.

56. (New) An improved dispenser for dispensing an aerosol product with an aerosol propellant located within an aerosol container, the aerosol container having a bead defining an opening in the aerosol container, comprising:

a mounting cup defined by a sidewall, a peripheral rim, a bottom wall and a central turret formed as a one-piece unit;

an aerosol valve secured within said turret of said mounting cup;

said sidewall having a first region adjacent to said peripheral rim and having a second region adjacent to said bottom wall of said mounting cup;

said second region of said sidewall being located radially inwardly relative to said first region of said sidewall to provide a mounting surface;

a collapsible container for containing the aerosol product;

a bond for sealing the collapsible container to said mounting surface of said mounting cup;

said second region of said sidewall being located radially inwardly relative to said first region of said sidewall a distance sufficient to provide clearance for inserting the mounting cup and the attached collapsible container through the opening defined by the bead of the aerosol container; and

said peripheral rim of said mounting cup adapted to be sealed to the bead of the aerosol container for enabling the aerosol propellant located within the aerosol container to apply pressure to said collapsible container to collapse said collapsible container upon an open of said aerosol valve to dispense the aerosol propellant from said collapsible container through said aerosol valve.